

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of extracting a fingerprint from a media signal, the method comprising:

extracting from said media signal a sequence of samples of a given perceptual property of the media signal;

deriving from said sequence a binary sequence constituting said fingerprint;

subjecting the sequence of property samples to an auto-correlation function to obtain a sequence of auto-correlation values;

comparing said auto-correlation values from the sequence of auto-correlation values with respective thresholds; and

representing the results of said comparisons by respective bits of the fingerprint.

2. (Currently Amended) The method as claimed in claim 1, wherein said step of subjecting the sequence of property samples to an the auto-correlation function comprises correlating a sub-sequence of property samples with the complete sequence of property samples.

3. (Currently Amended) The method as claimed in claim 1, wherein said step of subjecting the sequence of property samples to an auto-correlation function further includes down-sampling the sequence of auto-correlation values to obtain a desired number of auto-correlation values.

4. (Currently Amended) The method as claimed in claim 1, wherein said step of deriving from said media signal a sequence of perceptual property values comprises dividing an audio signal into sub-bands and computing the energies of said audio sub-bands.

5. (Currently Amended) The method as claimed in claim 1, wherein said step of deriving from an-said media signal a sequence of perceptual properties comprises dividing an image into blocks and computing the luminances of said image blocks.

6. (Currently Amended) An apparatus for extracting a fingerprint from a media signal, the apparatus comprising:

means for deriving from said media signal a sequence of samples of a given perceptual property of the signal;

means for subjecting the sequence of ~~property~~-samples to an auto-correlation function to obtain a sequence of auto-correlation values;

means for comparing said auto-correlation values from the sequence of auto-correlation values with respective thresholds; and

means for representing the results of said comparisons by respective bits of the fingerprint.

7. (Cancelled)

8. (Currently Amended) A[[n]] system for extracting a fingerprint from a media signal, the system comprising:

a sampler to extract from said media signal a sequence of samples of a given perceptual property of the signal;

an auto-correlator to subject the sequence of ~~property~~-samples to an auto-correlation function to obtain a sequence of auto-correlation values; and

a comparator to:

compare said-auto-correlation values from the sequence of auto-correlation values with respective thresholds, and

represent the results of said comparisons by respective bits of the fingerprint.

9. (Currently Amended) The system as claimed in claim 8, wherein the auto-correlator is to correlate a sub-sequence of the sequence of ~~property~~-samples with the ~~complete~~-sequence of ~~property~~-samples.

10. (Previously Presented) The system as claimed in claim 8, wherein the auto-correlator is to down-sample the sequence of auto-correlation values to obtain a desired number of auto-correlation values.
11. (Currently Amended) The system as claimed in claim 8, wherein the sampler is to divide an audio signal into audio sub-bands and to compute computing the energies of said audio sub-bands.
12. (Currently Amended) The system as claimed in claim 8, wherein the sampler is to divide an image into image blocks and to compute computing the luminances of said image blocks.